



Permit #S00107879

FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: S00107879

Type of Permit: STILL

Release Date: 05/11/2016

Production Company PORTFOLIO ONE INC

Producer Cat Farber

Insured Company Name PORTFOLIO ONE INC

Director Alex Prager

Contact Phone No. 1 323-634-1944

1st AD n/a n/a

Contact Phone No. 2

Fax 310-2323-634-1946

Production Manager Kendall Stewart

Address 714 N LA BREA, SUITE 210
LOS ANGELES, California 90038

FilmL.A. Coordinator JDP - Jason Del Paine

Production Title NORDSTROM AP

Location Manager Kendall Stewart

Type of Production Still Photo

Primary Phone Mobile - 718-687-8776
Secondary Phone

Location Assistant n/a n/a

Primary Phone Mobile - 555-555-5555
Secondary Phone

Fees

FILMLA FILM APPLICATION FEE \$625.00

Total Permit Fee \$1,190.00

LA COUNTY-SPECIAL EFFECTS PERMIT FEE \$288.00

Number of Locations 2

LA COUNTY STILL PHOTOGRAPHY FIRE REVIEW FEE \$277.00



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Summary Information**Location****Location 1 of 2****Page 1 of 2**

Permit Number	S00107879	Location Manager	Kendall Stewart
Production Company	PORTFOLIO ONE INC	Primary Phone	Mobile - 718-687-8776
Insured Company	PORTFOLIO ONE INC	Secondary Phone	
Production Title	NORDSTROM AP		

Location Address 34855 Petersen Rd, Unincorporated Los Angeles County, CA, 91390

Location Name S.O.S. FILM WORKS/ AGUA DULCE MOVIE RANCH

Location Type Ranch

Film Dates 5/12/2016 - 5/12/2016 07:00 - 22:00 1 day

Open or Closed to the Public Closed

Generic Conditions All vehicles must be parked on private property
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, except authorized and consenting production personnel
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA: LASD AERO BUREAU has been notified of aerial activity.
No cast or crew parking on area streets
No interference with vehicular or pedestrian traffic

Please see attached documents 16-FX198-81-O'connor.pdf
COA-Effective_March_2016.pdf
Copter-Kids-13601.pdf
Copter Kids POA 05 0502016 (002).pdf
COPTER_KIDS_POA_Nordstrom.pdf
PPS Agent Letter.pdf

Equipment on Location	Type	Quantity	Personnel on Location	Type	Quantity
	2500 gal water truck	1		Cast	5
	5 or 10 ton trucks	2		Crew	50
	Cranes	1		LA County FSA assigned	1
	Cube Trucks	2			
	Motor Homes	2			
	Vans	2			

Filming Activities Aerial Photography with remote control aircraft. (UAS); Atmospheric Smoke Effects; Exterior establishing shots; Exterior models against scenery; Interior models against scenery; shooting inside mock airplane, shooting miniature models with smoke fx.; All on Property; B-roll; Simulated rocket engine on miniature rocket, static rocket not flying. Using model engines and small spark fountains;

Special Effects: F/X Permit # 16-FX198-81

Type	No. Times Per Day	No. Takes Per Take
Smoke effects	6 - 10	6 - 10
Sparks	6 - 10	6 - 10

Description of F/X Scene: Simulation of rocket engines miniature rocket. Rocket hung on wire not moving

Jurisdiction **Political:** Los Angeles County - Supervisor District 5

Police: Los Angeles County Sheriff

Fire: Los Angeles County Fire Department



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Summary Information**Location****Location 1 of 2****Page 2 of 2**

Permit Number S00107879
Production Company PORTFOLIO ONE INC
Insured Company PORTFOLIO ONE INC
Production Title NORDSTROM AP

Location Manager Kendall Stewart
Primary Phone Mobile - 718-687-8776
Secondary Phone

Thomas Guide Page: 4373**Grid:** F2**Approvals** LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS

Tenasha Bennett

Coordinator Note LA COUNTY FIRE # SP0419-81/150. FSA AND 2500 GALLON WATER TRUCK REQUIRED.

Parking Base Camp
Location Type : Filming Location

Crew Parking
Location Type : Filming Location



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Summary Information**Location****Location 2 of 2****Page 1 of 1**

Permit Number S00107879
Production Company PORTFOLIO ONE INC
Insured Company PORTFOLIO ONE INC
Production Title NORDSTROM AP

Location Manager Kendall Stewart
Primary Phone Mobile - 718-687-8776
Secondary Phone

Location Address 19802 Placerita Canyon Rd, Unincorporated Los Angeles County, CA, 91321

Location Name DISNEY RANCH (GOLDEN OAKS)

Location Type Ranch

Film Dates 5/13/2016 - 5/13/2016 07:00 - 22:00 1 day

Open or Closed to the Public Closed

Generic Conditions All vehicles must be parked on private property
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, except authorized and consenting production personnel
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA: LASD AERO BUREAU has been notified of aerial activity.
No cast or crew parking on area streets
No interference with vehicular or pedestrian traffic

Please see attached documents COPTER_KIDS_POA_Nordstrom.pdf
Copter Kids POA 05 0502016 (002).pdf

Equipment on Location	Type	Quantity	Personnel on Location	Type	Quantity
	2500 gal water truck	1		Cast	5
	5 or 10 ton trucks	2		Crew	55
	Cranes	1		LA County FSA assigned	1
	Cube Trucks	2			
	Motor Homes	2			
	Vans	2			

Filming Activities Aerial Photography with remote control aircraft. (UAS); Atmospheric Smoke Effects; Exterior establishing shots; Exterior models against scenery; picture vehicles, taking photography inside and outside picture vehicles.; B-Roll;

Jurisdiction **Political:** Los Angeles County - Supervisor District 5

Police: Los Angeles County Sheriff

Fire: Los Angeles County Fire Department

Thomas Guide **Page:** 4641

Grid: G1

Approvals LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS

Tenasha Bennett

Coordinator Note LA COUNTY FIRE # SP0419-81/150. FSA AND 2500 GALLON WATER TRUCK REQUIRED.

Parking **Base Camp**
Location Type : Filming Location

Crew Parking
Location Type : Filming Location



Permit #S00107879

COUNTY OF LOS ANGELES FIRE DEPARTMENT**PUBLIC SAFETY & FILM UNIT****14425 OLIVE VIEW DR SYLMAR, CA 91342****OFFICE: (818)364-8240, FAX: (818) 364-8242**

IN ACCORDANCE WITH CHAPTER 1 SECTION 105 OF THE 2011 L.A. COUNTY FIRE CODE, AND/OR IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS, FOR THE FOLLOWING:

This permit shall constitute permission to use pyrotechnic special effects, open flame, use of flammable or combustible liquids and gases, welding, and the parking of motor vehicles in any building or location used for the purpose of motion picture and television commercial production. This permit allows for the purchase, transport, storage, use and disposal of the prescribed pyrotechnical devices listed below.

Special Effects Permit #: **16-FX198-81** Location Permit #: **16-SP0419-81**Pyrotechnician in Charge: **Ian O'Connor****323-559-8216 323-467-**StateFireMarshal #: **3238-06** Phone #: **5078** Fax #: **ian@oconnorfx.com**

Pyrotechnician

Assistants/S.F.M.#:

Production Company Name: **Portfolio One**Production Title: **Nordstoms Commercial**Contact Person: **Kendall Stewart** Phone #: **718-687-8776**Location: **SOS, 34855 Peterson Rd**Shooting Dates: **5/12/16** Time: **0700-2200**How Stored: Magazine: _____ Day Box: **x** Premade: _____ Mixed on Site: _____

Lifters: 1oz: _____ 2 oz: _____ 3 oz: _____ 4 oz: _____ 6 oz: _____ 8 oz: _____ 12 oz: _____

Loose Black Powder: _____ Oz. Other: _____

Spark/Squibs: Z16A: _____ Z17: _____ Z17A: _____ D60-1: _____ D60-3: _____ D60-6: _____

D80-1/2: _____ D80-1: _____ D80-2: _____ SD70-4: _____ SD40: _____ SD100: _____

Other Squibs: **Electric Matches - 50**

Prima Cord: _____ FT. _____ GR. _____ GR. _____ FT. _____ GR.

Smoke: White: _____ Black: _____ Other: _____

Flammable Liquids in Gallons: Gasoline: _____ Diesel: _____ Rubber Cement: _____

Propane: # of Tanks: _____ Size: _____ # of Tanks: _____ Size: _____

Other Flammable:

Gas, Liquid, or Solid

50 Estes model rocket engines, 50 small birthday cake type spark fountainsTo be used exactly: **Simulation of rocket engines miniature rocket. Rocket hung on wire not moving****(2) CO2 & (2) water extinguishers.**REQUIREMENTS: F.S.A.: **X** F.S.O.: _____ Water Truck(s) Sizes: **4000wt**Permit Taken By: **Insp. M Nardone** Date: **5/10/2016**

FAA FORM 7711-1 UAS COA
Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
CERTIFICATE OF WAIVER OR AUTHORIZATION**

ISSUED TO

Any Operator with a valid Section 333 Grant of Exemption

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Operation of Unmanned Aircraft Systems in accordance with the operators' Section 333 Grant of Exemption at or below 400 feet Above Ground Level (AGL) in the National Airspace System (NAS).

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

N/A

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

Note-This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions are set forth and attached.

This certificate has the same effective dates as the Grant of Exemption and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

/S/

FAA Headquarters, AJV-115
(Region)

Scott Gardner
(Signature)

Acting Manager, UAS Tactical Operations Section
(Title)

This COA terminates two years from the date of a valid Section 333 Grant of exemption, unless sooner superseded, rescinded or cancelled.

Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

STANDARD PROVISIONS

A. General.

1. The approval of this COA is effective only with an approved Section 333 FAA Grant of Exemption.
2. A copy of the COA including the special limitations must be immediately available to all operational personnel at each operating location whenever UAS operations are being conducted.
3. This authorization may be canceled at any time by the Administrator, the person authorized to grant the authorization, or the representative designated to monitor a specific operation. As a general rule, this authorization may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with the authorization is cause for cancellation. The operator will receive written notice of cancellation.

B. Safety of Flight.

1. The operator or pilot in command (PIC) is responsible for halting or canceling activity in the COA area if, at any time, the safety of persons or property on the ground or in the air is in jeopardy, or if there is a failure to comply with the terms or conditions of this authorization.

See-and-Avoid

Unmanned aircraft have no on-board pilot to perform see-and-avoid responsibilities; therefore, when operating outside of active restricted and warning areas approved for aviation activities, provisions must be made to ensure an equivalent level of safety exists for unmanned operations consistent with 14 CFR Part 91 §91.111, §91.113 and §91.115.

a. The pilot in command (PIC) is responsible:

- To remain clear and give way to all manned aviation operations and activities at all times,
- For the safety of persons or property on the surface with respect to the UAS, and
- For compliance with CFR Parts 91.111, 91.113 and 91.115

b. UAS pilots will ensure there is a safe operating distance between aviation activities and unmanned aircraft (UA) at all times.

c. Visual observers must be used at all times and maintain instantaneous communication with the PIC.

FAA FORM 7711-1 UAS COA Page 3 of 7
Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

d. The PIC is responsible to ensure visual observer(s) are:

- Able to see the UA and the surrounding airspace throughout the entire flight, and
- Able to provide the PIC with the UA's flight path, and proximity to all aviation activities and other hazards (e.g., terrain, weather, structures) sufficiently for the PIC to exercise effective control of the UA to prevent the UA from creating a collision hazard.

e. Visual observer(s) must be able to communicate clearly to the pilot any instructions required to remain clear of conflicting traffic.

2. Pilots are reminded to follow all federal regulations e.g. remain clear of all Temporary Flight Restrictions, as well as following the exemption granted for their operation.
3. The operator or delegated representative must not operate in Prohibited Areas, Special Flight Rule Areas or, the Washington National Capital Region Flight Restricted Zone, except operations in the Washington DC Special Flight Rule Area may be approved only with prior coordination with the Security Operations Support Center (SOSC) at 202-267-8276. Such areas are depicted on charts available at http://www.faa.gov/air_traffic/flight_info/aeronav/. Additionally, aircraft operators should beware of and avoid other areas identified in Notices to Airmen (NOTAMS) which restricts operations in proximity to Power Plants, Electric Substations, Dams, Wind Farms, Oil Refineries, Industrial Complexes, National Parks, The Disney Resorts, Stadiums, Emergency Services, the Washington DC Metro Flight Restricted Zone, Military or other Federal Facilities.
4. The unmanned aircraft will be registered prior to operations in accordance with Title 14 of the Code of Federal Regulations.

C. Reporting Requirements

1. Documentation of all operations associated with UAS activities is required regardless of the airspace in which the UAS operates. NOTE: Negative (zero flights) reports are required.
2. The operator must submit the following information through <mailto:9-AJV-115-UASOrganization@faa.gov> on a monthly basis:
 - a. Name of Operator, Exemption number and Aircraft registration number
 - b. UAS type and model
 - c. All operating locations, to include location city/name and latitude/longitude
 - d. Number of flights (per location, per aircraft)
 - e. Total aircraft operational hours
 - f. Takeoff or Landing damage

Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

- g. Equipment malfunctions. Reportable malfunctions include, but are not limited to the following:
- (1) On-board flight control system
 - (2) Navigation system
 - (3) Power plant failure in flight
 - (4) Fuel system failure
 - (5) Electrical system failure
 - (6) Control station failure
3. The number and duration of lost link events (control, performance and health monitoring, or communications) per UA per flight.
4. Incident/Accident/Mishap Reporting
After an incident or accident that meets the criteria below, and within 24 hours of that incident, accident or event described below, the proponent must provide initial notification of the following to the FAA via email at <mailto:9-AJV-115-UASOrganization@faa.gov> and via the UAS COA On-Line forms (Incident/Accident).
1. All accidents/mishaps involving UAS operations where any of the following occurs:
 - a. Fatal injury, where the operation of a UAS results in a death occurring within 30 days of the accident/mishap
 - b. Serious injury, where the operation of a UAS results in: (1) hospitalization for more than 48 hours, commencing within 7 days from the date of the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or nose); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second- or third-degree burns, or any burns affecting more than 5 percent of the body surface.
 - c. Total unmanned aircraft loss
 - d. Substantial damage to the unmanned aircraft system where there is damage to the airframe, power plant, or onboard systems that must be repaired prior to further flight
 - e. Damage to property, other than the unmanned aircraft.
 2. Any incident/mishap that results in an unsafe/abnormal operation including but not limited to
 - a. A malfunction or failure of the unmanned aircraft's on-board flight control system (including navigation)
 - b. A malfunction or failure of ground control station flight control hardware or software (other than loss of control link)
 - c. A power plant failure or malfunction
 - d. An in-flight fire

Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

- e. An aircraft collision involving another aircraft.
- f. Any in-flight failure of the unmanned aircraft's electrical system requiring use of alternate or emergency power to complete the flight
- g. A deviation from any provision contained in the COA
- h. A deviation from an ATC clearance and/or Letter(s) of Agreement/Procedures
- i. A lost control link event resulting in
 - (1) Fly-away, or
 - (2) Execution of a pre-planned/unplanned lost link procedure.
- 3. Initial reports must contain the information identified in the COA On-Line Accident/Incident Report.
- 4. Follow-on reports describing the accident/incident/mishap(s) must be submitted by providing copies of proponent aviation accident/incident reports upon completion of safety investigations.
- 5. Civil operators and Public-use agencies (other than those which are part of the Department of Defense) are advised that the above procedures are not a substitute for separate accident/incident reporting required by the National Transportation Safety Board under 49 CFR Part 830 §830.5.
- 6. For other than Department of Defense operations, this COA is issued with the provision that the FAA be permitted involvement in the proponent's incident/accident/mishap investigation as prescribed by FAA Order 8020.11, Aircraft Accident and Incident Notification, Investigation, and Reporting.

D. Notice to Airmen (NOTAM).

A distant (D) NOTAM must be issued when unmanned aircraft operations are being conducted. This requirement may be accomplished:

- a. Through the operator's local base operations or NOTAM issuing authority, or
- b. By contacting the NOTAM Flight Service Station at 1-877-4-US-NTMS (1-877-487-6867) not more than 72 hours in advance, but not less than 24 hours prior to the operation, unless otherwise authorized as a special provision. The issuing agency will require the:
 - (1) Name and address of the pilot filing the NOTAM request
 - (2) Location, altitude, or operating area
 - (3) Time and nature of the activity.
 - (4) Number of UAS flying in the operating area.

AIR TRAFFIC CONTROL SPECIAL PROVISIONS**A. Coordination Requirements.**

1. Operators and UAS equipment must meet the requirements (communication, equipment and clearance) of the class of airspace they will operate in.
2. Operator filing and the issuance of required distance (D) NOTAM, will serve as advance ATC facility notification of UAS operations in an area.
3. The area of operation defined in the NOTAM must only be for the actual area to be flown for each day defined by a point and the minimum radius required to conduct the operation.
4. Operator must cancel NOTAMs when UAS operations are completed or will not be conducted.
5. Coordination and de-confliction between Military Training Routes (MTRs) is the operator's responsibility. When identifying an operational area the operator must evaluate whether an MTR will be affected. In the event the UAS operational area overlaps an MTR, the operator will contact the scheduling agency 24 hours in advance to coordinate and de-conflict. Approval from the scheduling agency is not required. Scheduling agencies are listed in the Area Planning AP/1B Military Planning Routes North and South America, if unable to gain access to AP/1B contact the FAA at email address <mailto:9-AJV-115-UASOrganization@faa.gov> with the IR/VR routes affected and the FAA will provide the scheduling agency information. If prior coordination and de-confliction does not take place 24 hours in advance, the operator must remain clear of all MTRs.

B. Communication Requirements.

When operating in the vicinity of an airport without an operating control tower, announce your operations in accordance with the FAA Aeronautical Information Manual (AIM) 4-1-9 Traffic Advisory Practices at Airports without Operating Control Towers.

C. Flight Planning Requirements.

Note: For all UAS requests not covered by the conditions listed below, the exemption holder may apply for a new Air Traffic Organization (ATO) Certificate of Waiver or Authorization (COA) at <https://oeaaa.faa.gov/oeaaa/external/uas/portal.jsp>
This COA will allow small UAS (55 pounds or less) operations during daytime VFR conditions under the following conditions and limitations:

- (1) At or below 400 feet AGL; and
- (2) Beyond the following distances from the airport reference point (ARP) of a public use airport, heliport, gliderport, or seaport listed in the Airport/Facility Directory, Alaska

Blanket COA for any Operator issued a valid Section 333 Grant of Exemption

Supplement, or Pacific Chart Supplement of the U.S. Government Flight Information Publications.

- a) 5 nautical miles (NM) from an airport having an operational control tower; or
- b) 3 NM from an airport having a published instrument flight procedure, but not having an operational control tower; or
- c) 2 NM from an airport not having a published instrument flight procedure or an operational control tower; or
- d) 2 NM from a heliport

D. Emergency/Contingency Procedures.

1. Lost Link/Lost Communications Procedures:

- a. If the UAS loses communications or loses its GPS signal, the UA must return to a pre-determined location within the private or controlled-access property and land.
- b. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.

2. Any incident, accident, or flight operation that transgresses the lateral or vertical boundaries defined in this COA must be reported to the FAA via email at <mailto:9-AJV-115-UASOrganization@faa.gov> within 24 hours. Accidents must be reported to the National Transportation Safety Board (NTSB) per instructions contained on the NTSB Web site: www.nts.gov

AUTHORIZATION

This Certificate of Waiver or Authorization does not, in itself, waive any Title 14 Code of Federal Regulations, nor any state law or local ordinance. Should the proposed operation conflict with any state law or local ordinance, or require permission of local authorities or property owners, it is the responsibility of the operator to resolve the matter. This COA does not authorize flight within Special Use airspace without approval from the scheduling agency. The operator is hereby authorized to operate the small Unmanned Aircraft System in the National Airspace System.



U.S. Department
of Transportation

**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D.C. 20591

November 16, 2015

Exemption No. 13601
Regulatory Docket No. FAA-2015-2985

Mr. Trent Palmer
Copter Kids, LLC
2295 Peavine Valley Road
Reno, NV 89523

Dear Mr. Palmer:

This letter is to inform you that we have granted your request for exemption. It transmits our decision, explains its basis, and gives you the conditions and limitations of the exemption, including the date it ends.

By letter dated July 9, 2015, you petitioned the Federal Aviation Administration (FAA) on behalf of Copter Kids, LLC (hereinafter petitioner or operator) for an exemption. The petitioner requested to operate an unmanned aircraft system (UAS) to conduct closed-set filming for the motion picture and television industries.

See the docket, at www.regulations.gov, for the petition submitted to the FAA describing the proposed operations and the regulations that the petitioner seeks an exemption.

The FAA has determined that good cause exists for not publishing a summary of the petition in the Federal Register because the requested exemption would not set a precedent, and any delay in acting on this petition would be detrimental to the petitioner.

Airworthiness Certification

The UAS proposed by the petitioner are the CK-801 Coaxial Octocopter, CK-802 Octocopter, and CK-601 Hexacopter

In accordance with the statutory criteria provided in Section 333 of Public Law 112-95 in reference to 49 U.S.C. § 44704, and in consideration of the size, weight, speed, and limited

operating area associated with the aircraft and its operation, the Secretary of Transportation has determined that this aircraft meets the conditions of Section 333. Therefore, the FAA finds that relief from 14 CFR part 21, *Certification procedures for products and parts, Subpart H—Airworthiness Certificates*, and any associated noise certification and testing requirements of part 36, is not necessary.

The Basis for Our Decision

You have requested to use a UAS for aerial data collection¹ and closed set motion picture and filming. The FAA has issued grants of exemption in circumstances similar in all material respects to those presented in your petition. In Grants of Exemption Nos. 11062 to Astraeus Aerial (see Docket No. FAA-2014-0352), 11109 to Clayco, Inc. (see Docket No. FAA-2014-0507), 11112 to VDOS Global, LLC (see Docket No. FAA-2014-0382), 11213 to Aeryon Labs, Inc. (see Docket No. FAA-2014-0642), and 12645 to Allied Drones (see Docket No. FAA-2014-0804), the FAA found that the enhanced safety achieved using an unmanned aircraft (UA) with the specifications described by the petitioner and carrying no passengers or crew, rather than a manned aircraft of significantly greater proportions, carrying crew in addition to flammable fuel, gives the FAA good cause to find that the UAS operation enabled by this exemption is in the public interest.

Having reviewed your reasons for requesting an exemption, I find that—

- They are similar in all material respects to relief previously requested in Grant of Exemption Nos. 11062, 11109, 11112, 11213, and 12645;
- The reasons stated by the FAA for granting Exemption Nos. 11062, 11109, 11112, 11213, and 12645 also apply to the situation you present; and
- A grant of exemption is in the public interest.

Our Decision

In consideration of the foregoing, I find that a grant of exemption is in the public interest. Therefore, pursuant to the authority contained in 49 U.S.C. 106(f), 40113, and 44701, delegated to me by the Administrator, Copter Kids, LLC is granted an exemption from 14 CFR §§ 61.23(a) and (c), 61.101(e)(4) and (5), 61.113(a), 61.315(a), 91.7(a), 91.119(c), 91.121, 91.151(a)(1), 91.405(a), 91.407(a)(1), 91.409(a)(1) and (2), and 91.417(a) and (b), to the extent necessary to allow the petitioner to operate a UAS to perform aerial data collection and closed set motion picture and filming. This exemption is subject to the conditions and limitations listed below.

¹ Aerial data collection includes any remote sensing and measuring by an instrument(s) aboard the UA. Examples include imagery (photography, video, infrared, etc.), electronic measurement (precision surveying, RF analysis, etc.), chemical measurement (particulate measurement, etc.), or any other gathering of data by instruments aboard the UA.

Conditions and Limitations

In this grant of exemption, Copter Kids, LLC is hereafter referred to as the operator.

Failure to comply with any of the conditions and limitations of this grant of exemption will be grounds for the immediate suspension or rescission of this exemption.

1. Operations authorized by this grant of exemption are limited to the CK-801 Coaxial Octocopter, CK-802 Octocopter, and CK-601 Hexacopter when weighing less than 55 pounds including payload. Proposed operations of any other aircraft will require a new petition or a petition to amend this exemption.
2. Operations for the purpose of closed-set motion picture and television filming are permitted.
3. The UA may not be operated at a speed exceeding 87 knots (100 miles per hour). The exemption holder may use either groundspeed or calibrated airspeed to determine compliance with the 87 knot speed restriction. In no case will the UA be operated at airspeeds greater than the maximum UA operating airspeed recommended by the aircraft manufacturer.
4. The UA must be operated at an altitude of no more than 400 feet above ground level (AGL). Altitude must be reported in feet AGL.
5. The UA must be operated within visual line of sight (VLOS) of the PIC at all times. This requires the PIC to be able to use human vision unaided by any device other than corrective lenses, as specified on the PIC's FAA-issued airman medical certificate or U.S. driver's license.
6. All operations must utilize a visual observer (VO). The UA must be operated within the visual line of sight (VLOS) of the PIC and VO at all times. The VO may be used to satisfy the VLOS requirement as long as the PIC always maintains VLOS capability. The VO and PIC must be able to communicate verbally at all times; electronic messaging or texting is not permitted during flight operations. The PIC must be designated before the flight and cannot transfer his or her designation for the duration of the flight. The PIC must ensure that the VO can perform the duties required of the VO.
7. This exemption and all documents needed to operate the UAS and conduct its operations in accordance with the conditions and limitations stated in this grant of exemption, are hereinafter referred to as the operating documents. The operating documents must be accessible during UAS operations and made available to the Administrator upon request. If a discrepancy exists between the conditions and limitations in this exemption and the procedures outlined in the operating documents,

the conditions and limitations herein take precedence and must be followed. Otherwise, the operator must follow the procedures as outlined in its operating documents. The operator may update or revise its operating documents. It is the operator's responsibility to track such revisions and present updated and revised documents to the Administrator or any law enforcement official upon request. The operator must also present updated and revised documents if it petitions for extension or amendment to this grant of exemption. If the operator determines that any update or revision would affect the basis upon which the FAA granted this exemption, then the operator must petition for an amendment to its grant of exemption. The FAA's UAS Integration Office (AFS-80) may be contacted if questions arise regarding updates or revisions to the operating documents.

8. Any UAS that has undergone maintenance or alterations that affect the UAS operation or flight characteristics, e.g., replacement of a flight critical component, must undergo a functional test flight prior to conducting further operations under this exemption. Functional test flights may only be conducted by a PIC with a VO and must remain at least 500 feet from other people. The functional test flight must be conducted in such a manner so as to not pose an undue hazard to persons and property.
9. The operator is responsible for maintaining and inspecting the UAS to ensure that it is in a condition for safe operation.
10. Prior to each flight, the PIC must conduct a pre-flight inspection and determine the UAS is in a condition for safe flight. The pre-flight inspection must account for all potential discrepancies, e.g., inoperable components, items, or equipment. If the inspection reveals a condition that affects the safe operation of the UAS, the aircraft is prohibited from operating until the necessary maintenance has been performed and the UAS is found to be in a condition for safe flight.
11. The operator must follow the UAS manufacturer's maintenance, overhaul, replacement, inspection, and life limit requirements for the aircraft and aircraft components.
12. Each UAS operated under this exemption must comply with all manufacturer safety bulletins.
13. Under this grant of exemption, a PIC must hold either an airline transport, commercial, private, recreational, or sport pilot certificate. The PIC must also hold a current FAA airman medical certificate or a valid U.S. driver's license issued by a state, the District of Columbia, Puerto Rico, a territory, a possession, or the Federal government. The PIC must also meet the flight review requirements specified in 14 CFR § 61.56 in an aircraft in which the PIC is rated on his or her pilot certificate.

14. The operator may not permit any PIC to operate unless the PIC demonstrates the ability to safely operate the UAS in a manner consistent with how the UAS will be operated under this exemption, including evasive and emergency maneuvers and maintaining appropriate distances from persons, vessels, vehicles and structures. PIC qualification flight hours and currency must be logged in a manner consistent with 14 CFR § 61.51(b). Flights for the purposes of training the operator's PICs and VOs (training, proficiency, and experience-building) and determining the PIC's ability to safely operate the UAS in a manner consistent with how the UAS will be operated under this exemption are permitted under the terms of this exemption. However, training operations may only be conducted during dedicated training sessions. During training, proficiency, and experience-building flights, all persons not essential for flight operations are considered nonparticipants, and the PIC must operate the UA with appropriate distance from nonparticipants in accordance with 14 CFR § 91.119.
15. UAS operations may not be conducted during night, as defined in 14 CFR § 1.1. All operations must be conducted under visual meteorological conditions (VMC). Flights under special visual flight rules (SVFR) are not authorized.
16. The UA may not operate within 5 nautical miles of an airport reference point (ARP) as denoted in the current FAA Airport/Facility Directory (AFD) or for airports not denoted with an ARP, the center of the airport symbol as denoted on the current FAA-published aeronautical chart, unless a letter of agreement with that airport's management is obtained or otherwise permitted by a COA issued to the exemption holder. The letter of agreement with the airport management must be made available to the Administrator or any law enforcement official upon request.
17. The UA may not be operated less than 500 feet below or less than 2,000 feet horizontally from a cloud or when visibility is less than 3 statute miles from the PIC.
18. For tethered UAS operations, the tether line must have colored pennants or streamers attached at not more than 50 foot intervals beginning at 150 feet above the surface of the earth and visible from at least one mile. This requirement for pennants or streamers is not applicable when operating exclusively below the top of and within 250 feet of any structure, so long as the UA operation does not obscure the lighting of the structure.
19. If the UAS loses communications or loses its GPS signal, the UA must return to a pre-determined location within the private or controlled-access property.
20. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.
21. The PIC is prohibited from beginning a flight unless (considering wind and forecast weather conditions) there is enough available power for the UA to conduct the

intended operation and to operate after that for at least five minutes or with the reserve power recommended by the manufacturer if greater.

22. Air Traffic Organization (ATO) Certificate of Waiver or Authorization (COA). All operations shall be conducted in accordance with an ATO-issued COA. The exemption holder may apply for a new or amended COA if it intends to conduct operations that cannot be conducted under the terms of the attached COA.
23. All aircraft operated in accordance with this exemption must be identified by serial number, registered in accordance with 14 CFR part 47, and have identification (N-Number) markings in accordance with 14 CFR part 45, Subpart C. Markings must be as large as practicable.
24. Documents used by the operator to ensure the safe operation and flight of the UAS and any documents required under 14 CFR §§ 91.9 and 91.203 must be available to the PIC at the Ground Control Station of the UAS any time the aircraft is operating. These documents must be made available to the Administrator or any law enforcement official upon request.
25. The UA must remain clear and give way to all manned aviation operations and activities at all times.
26. The UAS may not be operated by the PIC from any moving device or vehicle.
27. All Flight operations must be conducted at least 500 feet from all nonparticipating persons, vessels, vehicles, and structures unless:
 - a. Barriers or structures are present that sufficiently protect nonparticipating persons from the UA and/or debris in the event of an accident. The operator must ensure that nonparticipating persons remain under such protection. If a situation arises where nonparticipating persons leave such protection and are within 500 feet of the UA, flight operations must cease immediately in a manner ensuring the safety of nonparticipating persons; and
 - b. The owner/controller of any vessels, vehicles or structures has granted permission for operating closer to those objects and the PIC has made a safety assessment of the risk of operating closer to those objects and determined that it does not present an undue hazard.

The PIC, VO, operator trainees or essential persons are not considered nonparticipating persons under this exemption.

28. All operations shall be conducted over private or controlled-access property with permission from the property owner/controller or authorized representative. Permission from property owner/controller or authorized representative will be obtained for each flight to be conducted.

29. Any incident, accident, or flight operation that transgresses the lateral or vertical boundaries of the operational area as defined by the applicable COA must be reported to the FAA's UAS Integration Office (AFS-80) within 24 hours. Accidents must be reported to the National Transportation Safety Board (NTSB) per instructions contained on the NTSB Web site: www.nts.gov.

If this exemption permits operations for the purpose of closed-set motion picture and television filming and production, the following additional conditions and limitations apply.

30. The operator must have a motion picture and television operations manual (MPTOM) as documented in this grant of exemption.
31. At least 3 days before aerial filming, the operator of the UAS affected by this exemption must submit a written Plan of Activities to the local Flight Standards District Office (FSDO) with jurisdiction over the area of proposed filming. The 3-day notification may be waived with the concurrence of the FSDO. The plan of activities must include at least the following:
- a. Dates and times for all flights;
 - b. Name and phone number of the operator for the UAS aerial filming conducted under this grant of exemption;
 - c. Name and phone number of the person responsible for the on-scene operation of the UAS;
 - d. Make, model, and serial or N-Number of UAS to be used;
 - e. Name and certificate number of UAS PICs involved in the aerial filming;
 - f. A statement that the operator has obtained permission from property owners and/or local officials to conduct the filming production event; the list of those who gave permission must be made available to the inspector upon request;
 - g. Signature of exemption holder or representative; and
 - h. A description of the flight activity, including maps or diagrams of any area, city, town, county, and/or state over which filming will be conducted and the altitudes essential to accomplish the operation.
32. Flight operations may be conducted closer than 500 feet from participating persons consenting to be involved and necessary for the filming production, as specified in the exemption holder's MPTOM.

Unless otherwise specified in this grant of exemption, the UAS, the UAS PIC, and the UAS operations must comply with all applicable parts of 14 CFR including, but not limited to, parts 45, 47, 61, and 91.

This exemption terminates on November 30, 2017, unless sooner superseded or rescinded.

Sincerely,

/s/

John S. Duncan

Director, Flight Standards Service

Enclosure

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COPTER KIDS, LLC
MOTION PICTURE MANUAL
PLAN OF ACTIVITIES

1. Name of production.

Portfolio One – “Nordstrom”

2. Dates and times for all flights.

May 11th to May 13th, 2016 All daylight hours (05:45 to 19:46 local)

3. Name and phone number of the person responsible for the production.

Kendall Stewart 718.687.8776

4. Name and phone number of the person responsible for the sUAS.

Trenton Palmer 530.913.1313 Copter Kids representative

5. Make, model and serial number and/or registration number of all sUAS to be used.

Copter Kids CK-802, N881CK or CK-601 N662CK

6. Name and certificate number of all pilots to be utilized in the production event.

Pilot: **Trenton Palmer 3786226**

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We have a film permit/location agreement for filming the properties described.

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See attached map for the proposed operating area.

RECEIVED

MAY 05 2016

VAN NUYS FSDO



COPTER KIDS, LLC
MOTION PICTURE AND
TELEVISION MANUAL

5/5/2016

Dear inspector,

Please accept my POA for sUAS filming near Filmore and Santa Clarita, CA on **Wednesday, May 11th through Friday, May 13th, 2016**. If you have any questions regarding any part of this document please feel free to contact me. I can be reached at trent@copterkidsllc.com.

Sincerely,
Trenton Palmer
Copter Kids, LLC

COMPANY CONTACT INFO

Copter Kids, LLC
2295 Peavine Valley Rd
Reno, NV 89523
phone 530.913.1313
info@copterkidsllc.com

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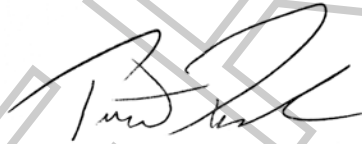
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See attached map for the proposed operating area.

ADDITIONAL COMMENTS

The production will be located on a controlled, closed-set environment. There will be no un-authorized personnel or general public allowed within the immediate vicinity of the production.

WEDNESDAY MAY 11 :

LOCATION 1: Fillmore & Western Railroad

**351 Santa Clara Ave
Fillmore, CA 93015
34.399040, -118.910658**

NOTAM info: area defined as within a 0.2nm operating radius on radial 314 VOR FIM at 2.9nm (8.1nm NE of SZP) surface to 400' AGL 5-11-2016 12:45Z to 5-12-2016 02:50Z.

THURSDAY MAY 12:

LOCATION 2: SOS Film Ranch

**34855 Petersen Road
Agua Dulce, CA 91390
34.538039, -118.310206**

NOTAM info: area defined as within a 0.3nm operating radius on radial 230 VOR PMD at 13.4nm (2.2nm N of L70) surface to 400' AGL 5-12-2016 12:45Z to 5-13-2016 02:50Z.

FRIDAY MAY 13:

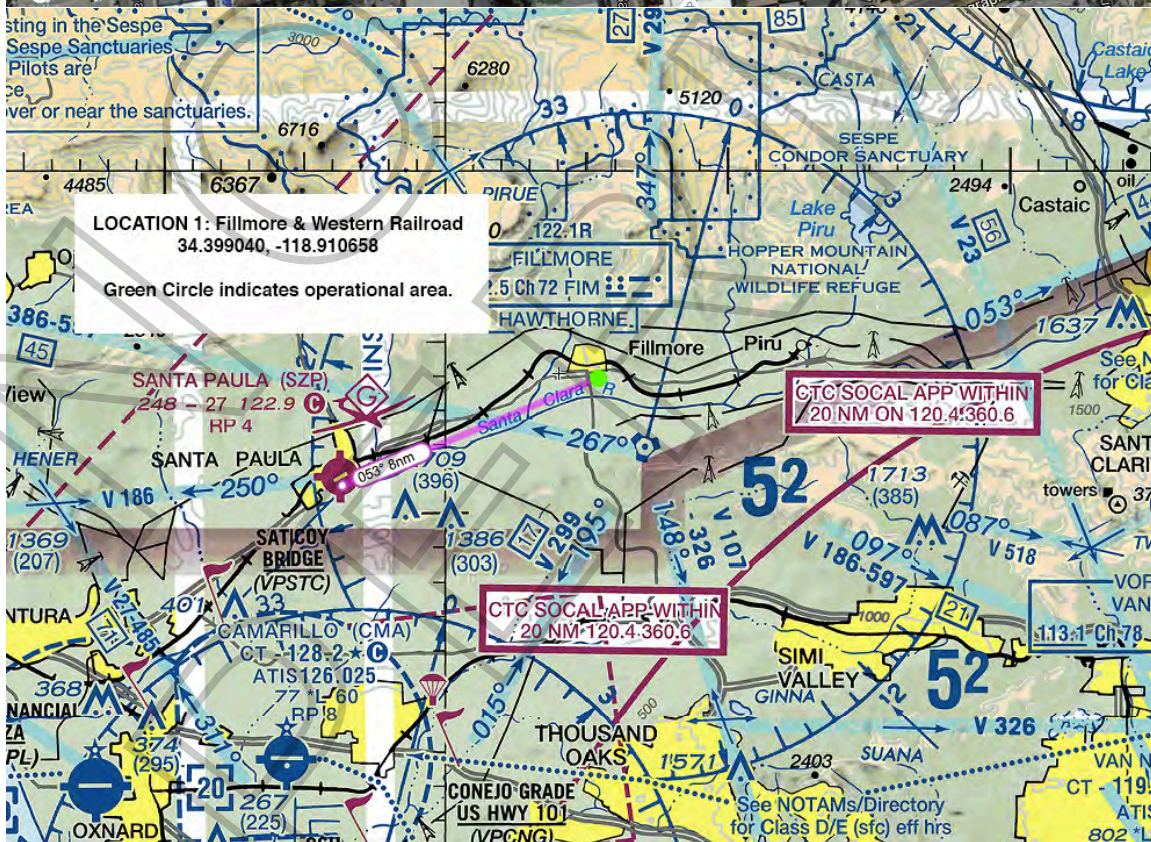
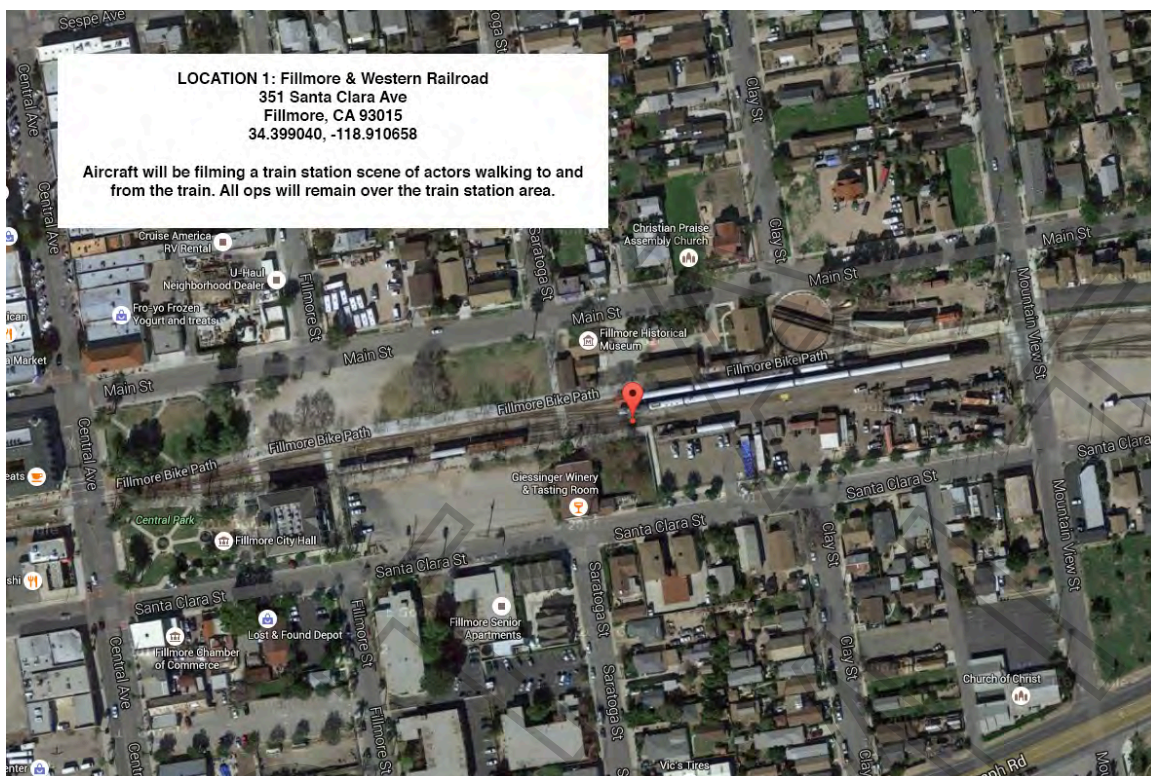
LOCATION 3: Golden Oak Ranch

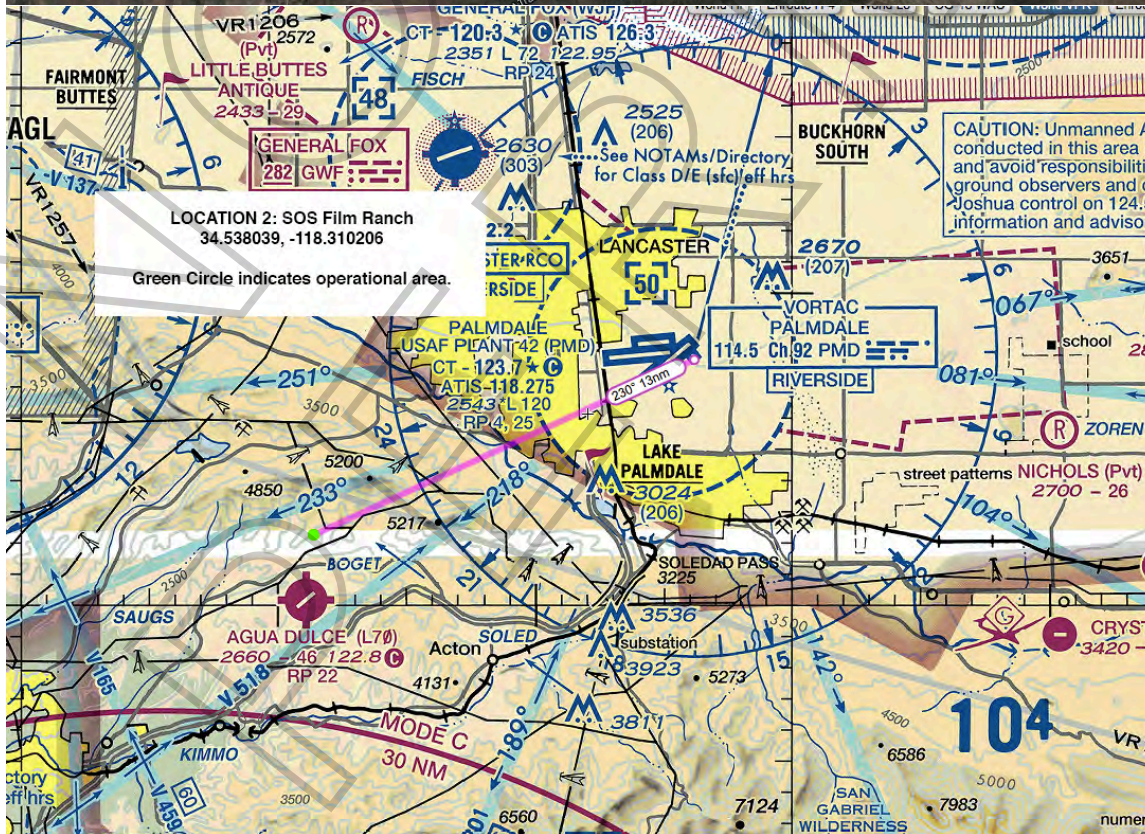
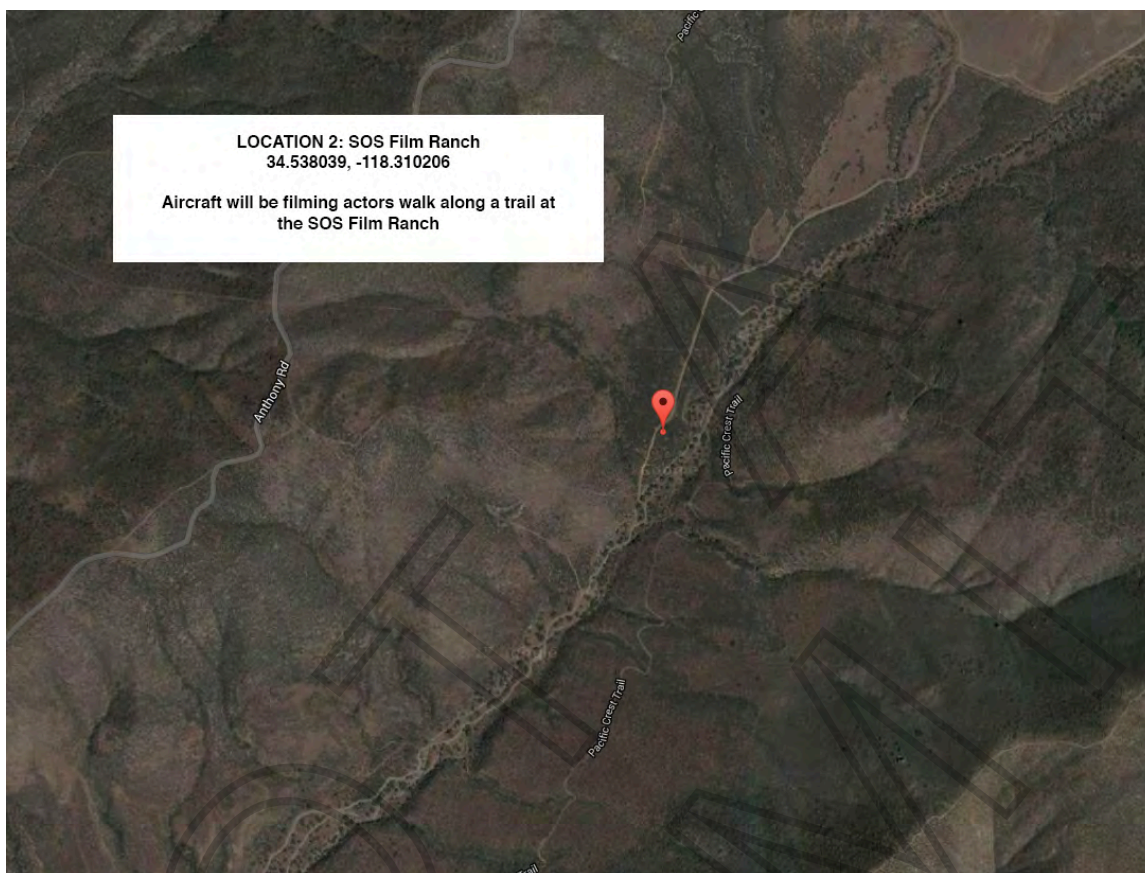
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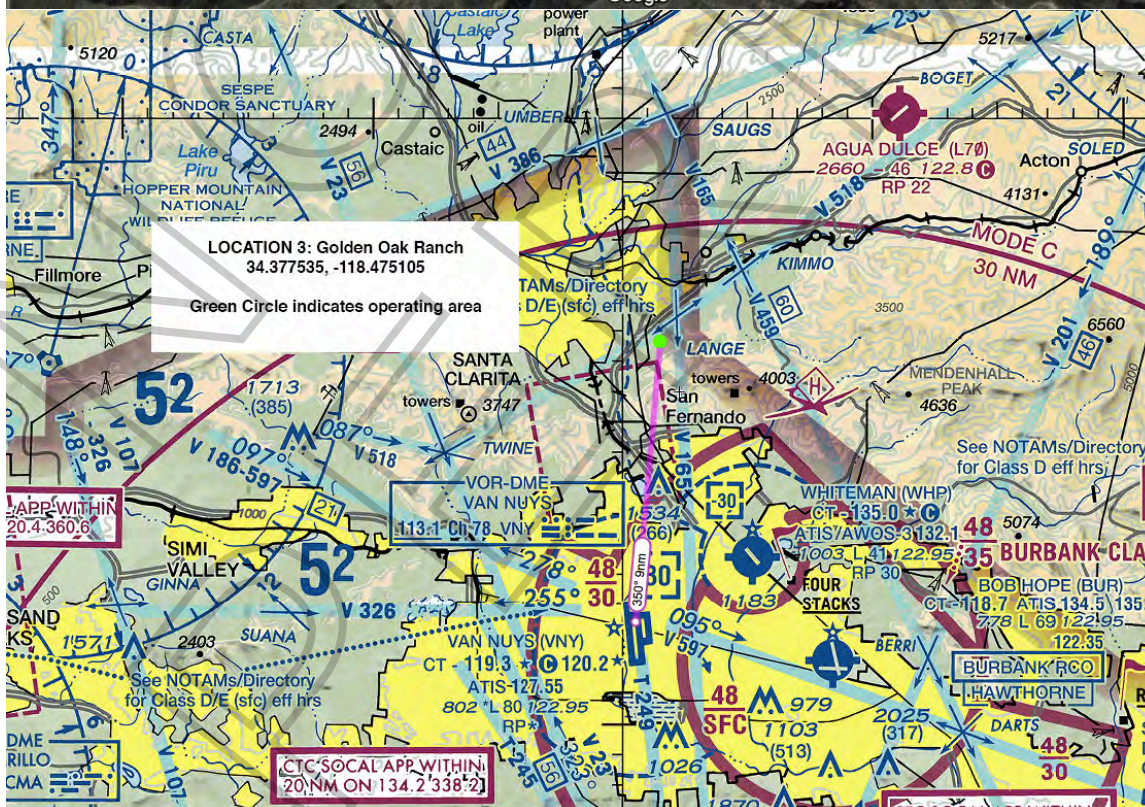
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Copter Kids FAA Exemption no: 13601
FAA Regulatory Docket: FAA-2015-2985

Please find on the following pages a general outline of the plan of events, maps, or diagrams of the specific filming location. If you have any questions I can be reached at 530.913.1313







Appointment of Pacific Production Services
As Authorized Agent and Representative

I certify that I am a representative of PORTFOLIO ONE INC ("Principal") and am authorized to enter into binding contractual agreements on its behalf. I further certify that I am authorized by Principal to appoint other representatives and agents for Principal and to give such representatives and agents authority to enter into and bind Principal to agreements relating to the issuance of and compliance with location film (e.g. theatrical, television, commercial and other motion picture filming) and still photographic permits, including the permits themselves and any riders to such permits. Acting on behalf of Principal in my capacity as its authorized representative, I appoint Pacific Production Services and its employees and agents ("PPS") as Principal's authorized representatives and agents to apply for location film (e.g. theatrical, television, commercial and other motion picture filming) and still photographic permits on behalf of Principal through FilmLA, Inc. for any city, county or through any other jurisdictions where FilmLA, Inc. operates, to negotiate, discuss, accept, modify, agree to and bind Principal to the terms and conditions of such permits (including all restrictions and/or community guidelines applicable to any such permit); and to execute such permits on behalf of Principal. Principal understands, acknowledges and agrees that it (and/or its insurer) remains responsible and liable for all obligations imposed by or incidental to any permit or rider issued to Principal signed by any employee or agent of (including any coordinator, runner or messenger used by) PPS. Principal further agrees to comply with the terms and conditions of any such permits and hereby appoints PPS as an authorized representative to facilitate compliance with such terms and conditions following issuance of any such permits and to enter into agreements for Principal with respect thereto. Any person, agency, entity, or organization (including FilmLA, Inc. and any city, county or other jurisdictions where FilmLA, Inc. operates) may rely upon this appointment and need not obtain further authorization for any act described herein. An original or faxed copy of this appointment shall be sufficient, and may be treated as an original for your purposes. The appointment may be revoked by Principal at any time in writing delivered to FilmLA, Inc., but in any case shall expire one (1) year from the date of execution set forth below.

I declare under penalty of perjury under the laws of the State of California that I am authorized to appoint PPS as agent for Principal, and based upon that authority I hereby appoint PPS as Principal's agent as set forth herein.

Date: MAY 11, 2015



Representative's Signature
KENDALL STEWART

Representative's Name (Please Print)
PRODUCTION MANAGER

Representative's Title (Please Print)

PORTFOLIO ONE INC

Name of Principal (i.e. company name)
(Please Print)
714 N LA BREA AVE #210

LOS ANGELES, CA 90038

Principal's Mailing Address (Please Print)
323.634.1944

Principal's Phone Number (Please Print)

Pacific Production Services
Eric Nichols, President
1481 E. 4th St
Los Angeles, CA. 90033
Ph. 323-260-4777 Fx. 323-415-6180



COPTER KIDS, LLC
MOTION PICTURE AND
TELEVISION MANUAL

5/5/2016

Dear inspector,

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Copter Kids, LLC

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**COPTER KIDS, LLC
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Kendall Stewart 718.687.8776

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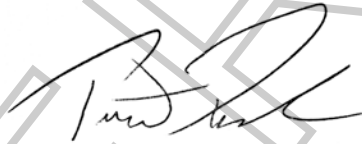
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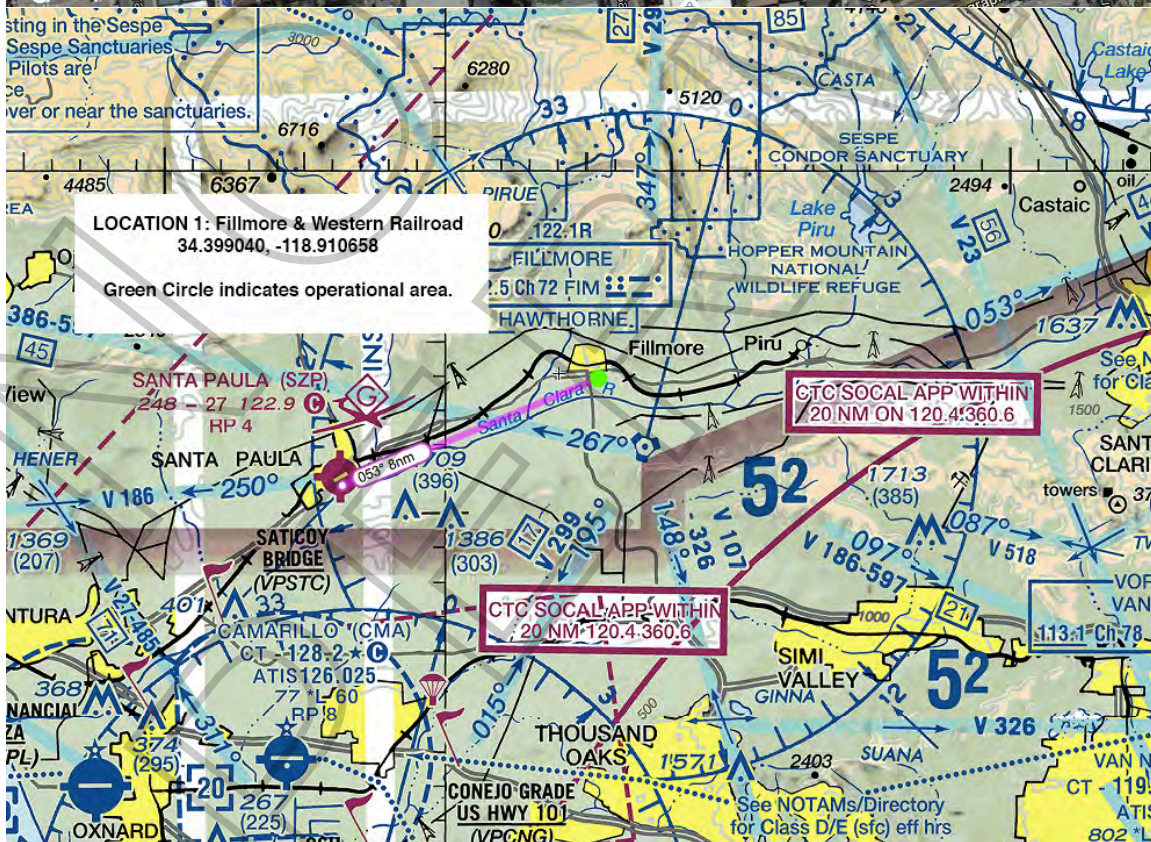
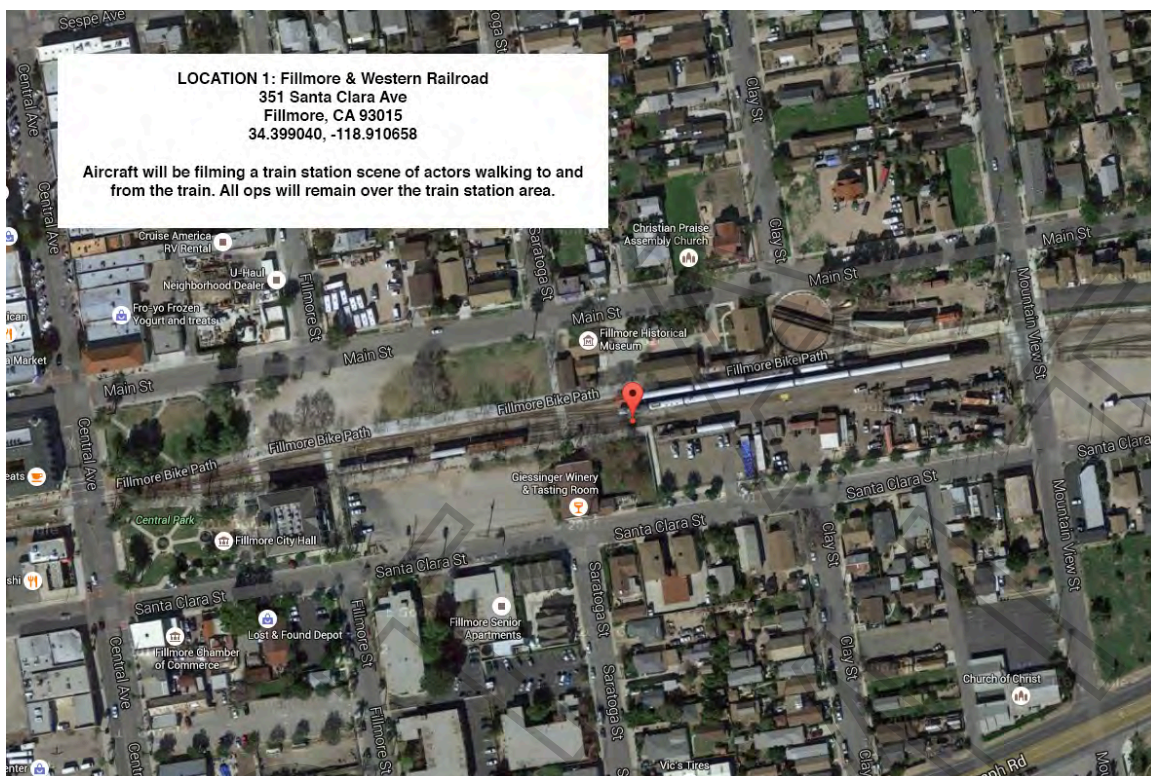
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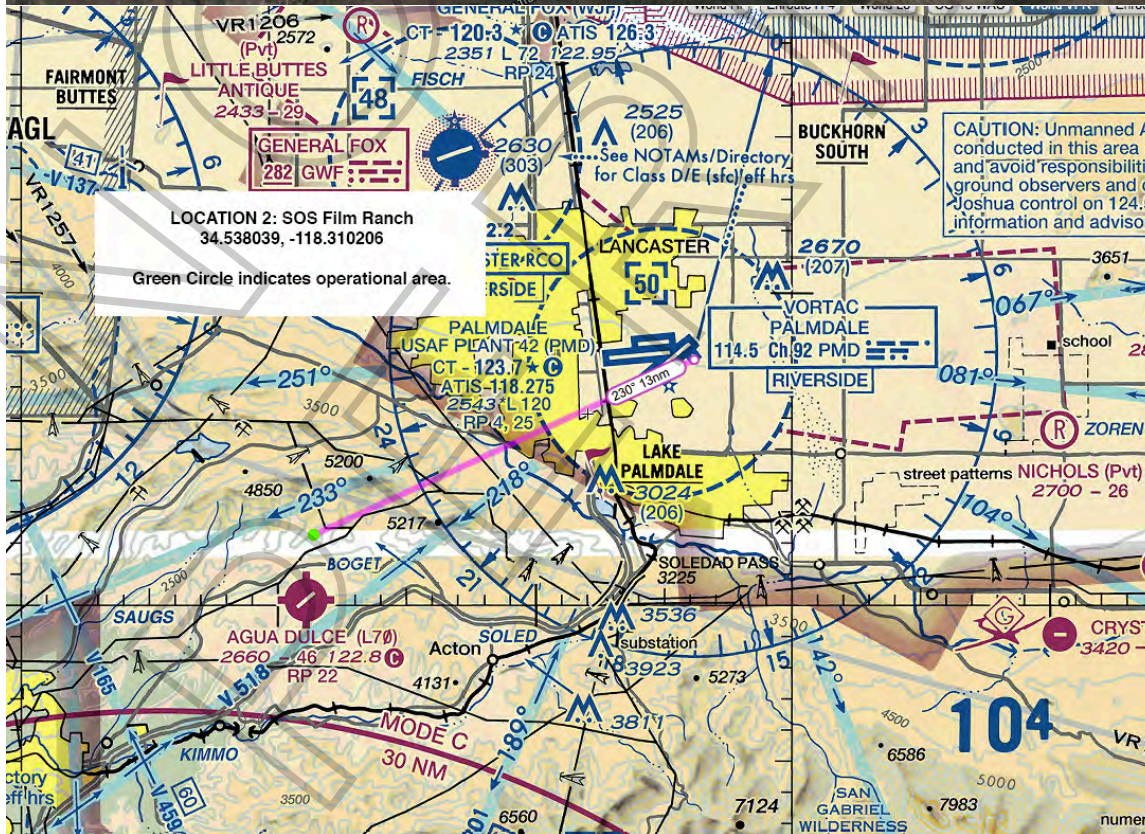
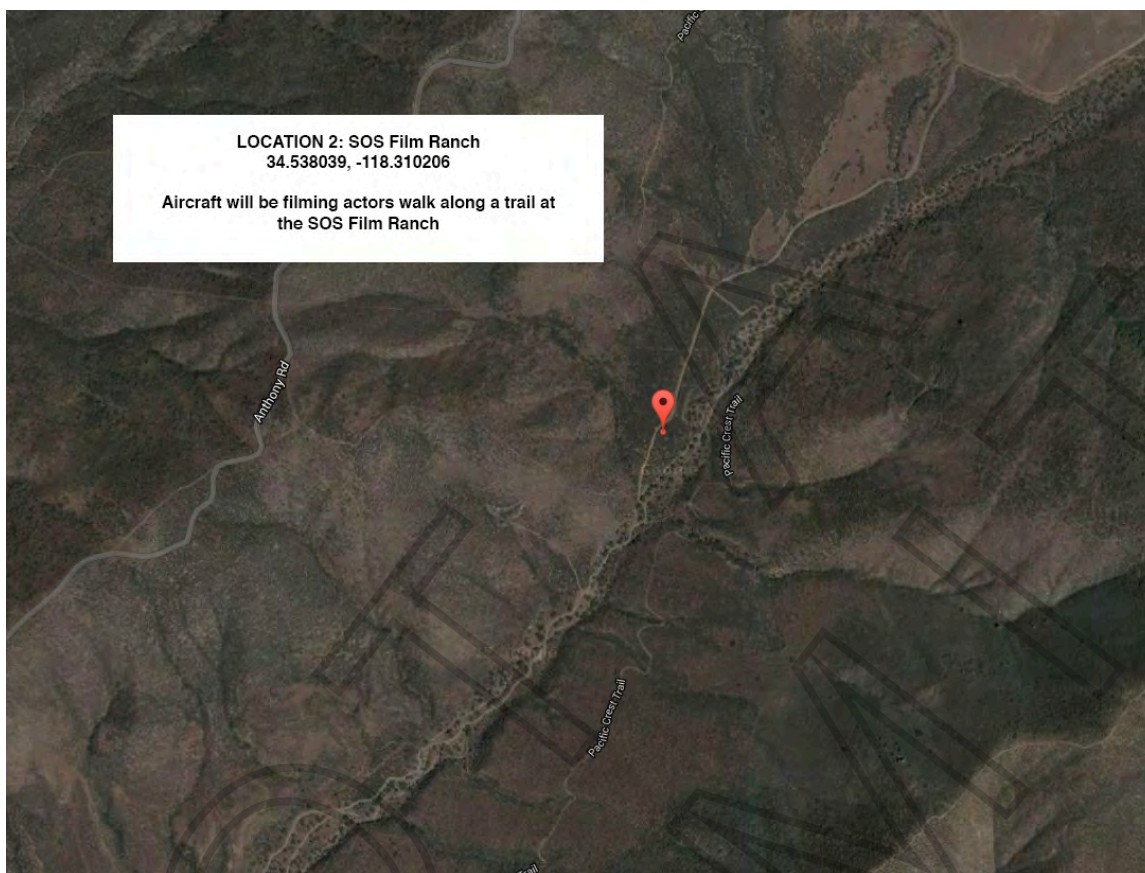
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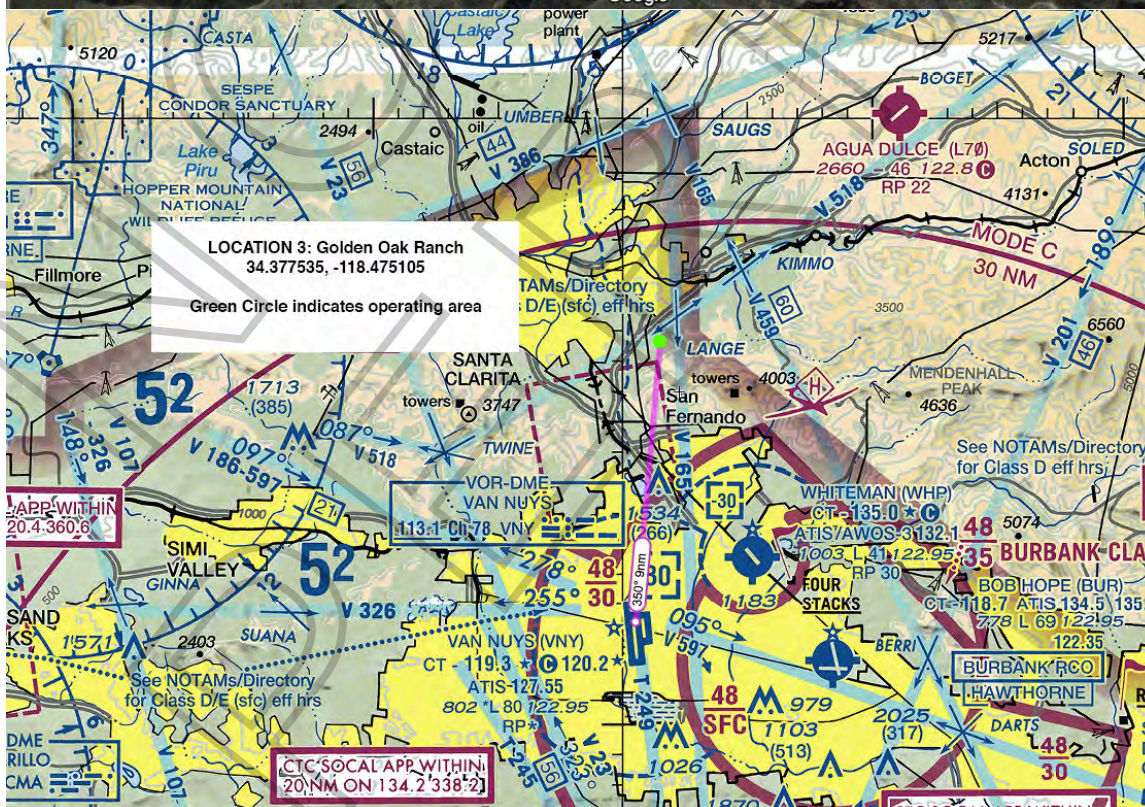
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Copter Kids FAA Exemption no: 13601
FAA Regulatory Docket: FAA-2015-2985

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